

Dorance Koz, H.S., Ostromskaya, L.R.

which the source of N and the balance between the N, P, and K in the fertilizers used were varied. Highest wt. of kok-saghiy plants was obtained with  $(\text{NH}_4)_2\text{SO}_4 + \text{PK}$ ; the lowest with  $\text{Ca}(\text{NO}_3)_2$  without addns. of P or K. The highest respiratory quotient was obtained in I with a fertilizer contg.  $\text{Ca}(\text{NO}_3)_2 + \text{PK}$  and lowest with  $\text{Ca}(\text{NO}_3)_2$  alone. Intensity of respiration was much higher in the I than in II. It was somewhat higher in III than in IV. The reduction capacity of tissues of I, II, III, and IV was compared in plants fertilized with  $\text{Ca}(\text{NO}_3)_2$ ,  $(\text{NH}_4)_2\text{SO}_4$ , and  $(\text{NH}_4)_2\text{HPO}_4$ . Reduction capacity (for  $\text{KMnO}_4$ ) in the III was somewhat greater than in either  $\text{NH}_3$  treatment, but there appeared to be no significant difference in the response to different fertilizers in IV or in I or II with respect to reduction capacity. Expts. were run in S and in soil cultures. Plots with barnyard manure plus various combinations of both types of N, namely nitrate and  $\text{NH}_3$ , were also carried out. In the sand cultures,  $\text{H}_2\text{BO}_3$  was used in addn. to the usual ions for water culture.

Nellie M. Payne 2/2

OSTROVSKAYA, L.K.

(b) ✓ The effect of nitrates on the catalase activity of tissues.  
L. K. Ostrovskaya and B. I. Bernbtein. Voprosy Biokhimii  
Ant i Miford Piles. Rassmi. Izdatel'stvo Akad. Nauk  
USSR, S.S.R. (Kiev) 1933, 110-20; Refusal Zhur. Khim.  
Biol. Khim. 1935, No. 8632.—The addition of nitrates to extracts  
of leaf tissues even in physiol. concns. ( $\text{NaNO}_3 \sim 0.025 M$ )  
arrests the catalase activity of tissues (1). The lowered  
activity of catalase in the leaves and roots of plants fertilized  
with nitrate N as compared with  $\text{NH}_4\text{-N}$  may be due to  
the presence in the plant sap of the nitrate radical. It is  
assumed that the catalytic activity of living tissues is af-  
fected not only by the ferroporphyrin proteins but by a whole  
series of other substances and by active plant mol. group-  
ings, which possess  $\text{NO}_3^-$  receptor properties. B.B. Larionov

OS. ROUSKAYA, L.K.

✓ The determination of peroxidase. The effect of nitric acid on peroxidase. L. K. Ostrovskaya. *Vestn. Biokhim. Akad. i Mineral. Pochv. Radiotekhnicheskikh Nauk Ukr. S.S.R. (Kiev)* 1933, 121-32; *Refral. Zbir. Khim., Biol. Khim.* 1933, No. 6049.— $\text{NaNO}_3$  in  $M$  concn. arrests the activity of catalase, intensifies the guaiacol reaction of root and leaf exts. of the sugar beet, tobacco leaf, and horse-radish, and weakens it in exts. of the roots and leaves of kok-saghyz. The intensification of the guaiacol-I reaction by  $\text{NaNO}_3$  is not due to the elimination of the competing activity of catalase. The I reaction with pyrogallol was weakened by  $\text{NaNO}_3$  in all the specimens tested. The use of  $M$  soln. of the salt in the place of  $\text{H}_2\text{O}_2$  exts. all of I in a single operation. B. S. Levine

OSTROVSKAYA, L. K.

USSR, Biology - Plant physiology

Card 1/1 Pub. 22 - 53/59

Authors : Ostrovskaya, L. K.

Title : Penetration of copper into plants on various peat soils

Periodical : Dok. AN SSSR 102/2, 391-394, May 11, 1955

Abstract : The penetration of copper into oat plants was investigated under vegetation conditions and field tests on peat soil of the Ukraine. Results are listed. Ten references: 9 USSR and 1 USA (1949-1954). Tables.

Institution : Acad. of Sc., Ukr. SSR, Inst. of Plant Phys. and Agric. Chem.

Presented by : Academician A. L. Kursanov, February 14, 1955

OSTROVSKAYA, L. K.

The significance of trace amounts of copper in transformations of nitrogen in oat leaves. L. K. Ostrovskaya and B. A. Geller. Doklady Akad. Nauk SSSR, 205, 727-730 (1972).—Addn. of trace amounts (200 mg. per plant) of CuSO<sub>4</sub> to Cu-free peat soil aids considerably in growth, in total protein, and in general plant development. Cu deficiency is thus reflected in lower N content. The plants were given (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> supplement after 26 days when apparent N deficiency became evident. Deficiency of Cu retards exchange between N<sup>15</sup> and N<sup>14</sup> very significantly, particularly in the protein N fraction, indicating that Cu participates in protein synthesis. G. M. Kosolapoff.

(1)

Inst. Plant Physiol. and Agrochem., and Inst. Phys. Chem., AS USSR

USSR / Plant Physiology. Mineral Nutrition.

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Abs Jour : Ref Zher Nauk, No 8, 1958, No 34872

Authors : Ostrevskaya, L. K.; Yakovenko, G. I.

Inst : LV Latv SSR, Institute of Plant Physiology and Geochemistry  
Title : Inflow of Copper into Plants on Peat Soil and Its Physiological Role

Orig Pub : 7 ab.: Mikroelementy v rast. kh. i meditsine, Riga, LV LatvSSR,  
1958, 201-212

Abstract : In field and vegetation experiments on acid (pH 5,0) and  
alkaline (pH 7,5 - 7,9) parts of Rovno, Fury and Liev  
districts, it has been established that copper fertilizers  
considerably increase the yield of oats (by 50 - 79%) and  
potatoes (up to 6%). The inflow of Cu into plants  
from the peat decreases, when the calciferous content in it  
increases. An approximate gross content of Cu in acid (less  
than  $3 \cdot 10^{-4}$ ) and in alkaline (less than  $3 \cdot 10^{-4}$ ) peats

Card 1/2

OSTROVSKAYA, L.K.

Action of copper and heteroauxin on seed sprouting.  
L. K. Ostrovskaya. *Fiziol. Rastenii* 3, 73-8(1959).—Rate  
of seed sprouting of rice increases sharply with increased  
Cu supply (Cu content 3.5-4.8 mg./kg.). Heteroauxin  
increases the vigor of sprouting of seeds which have relatively  
low Cu content (1-2 mg./kg.) more than those with high  
Cu content. Heteroauxin treatment increases the ascorbic  
acid activity in the seeds. Seed treatment with  $CuSO_4$   
increases the sprouting rate if the seed initially contained  
low Cu level (2mg./kg.) but shows no effect on Cu-rich  
seeds.

G. M. K. Selapoff

OSTROVSKAYA, L. K., Doc. B1-1 Col (198) -- "The physiological role of copper  
and ways of eliminating copper insufficiency in plants". Moscow, 1979, published  
by the Acad. Sci. USSR. 12 pp (Acad. Sci. USSR, Inst. of Plant Physiology, Dr. K. A.  
Timiriazev), 12' copies (B., No. 27, 1979, 1979)

PEYVE, Ya.V., akademik, otd. red.; VLASYUK, I.A., akademik, red.; SIROCHEŃKO, I.A., prof., reed.; VOYNAR, A.I., prof., reed.; MILONIK, A.V., kand. biol. nauk, red.; OSILOVSKAYA, L.K., doktor biol. nauk, red.; ZADERIY, I.I., doktor sel'khoz. nauk, red.; KUDRIJAYA, M.F., iots., red.; KLIMOVITSKAYA, Z.Y., kand. biol. nauk, red.; MITSYK, V.Ye., kand. vet. nauk, red.; KALITANCHUK, V.A., red.; RAD'KO, I.K., red.

[Trace elements in agriculture and medicine; material'nikroelementy v sel'skom khozyaystve i meditsine; material'nosti. Kiev, Gossel'khozizdat USSR, 1964. 686 p. (MIA 18:1)

1. Vsesoyuznoye soveshchaniye po voprosam, primeneniya mikroelementov v sel'skom khozyaystve i meditsine, 4th, Kiev, 1962.
2. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy AN Ukr.SSR (for **Ostrovskaya, Vlasyuk**). 3. Institut biologii AN Latvийskoy SSR (for Peyve). 4. Kiyevskiy meditsinskiy institut (for Kuzinneya). 5. Donetskiy meditsinskiy institut im. A.M.Gor'kova (for Voynar). 6. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii i biokhimii sel'skogo khozyaystvennykh zhivotnykh (for Mitsyk). 7. Belotserkovskiy sel'skokhozyaystvennyy institut (for Zaderiy).

VLASTYK, J. V. - *Wetmorea*, 1938, p. 100-101, fig. 1-2. Type locality: Lake Baikal, Russia. Holotype: BMNH 1938.1.1.1, female.

As a result of the above discussion, it is recommended that the following changes be made in the proposed standard:

<sup>10</sup> See also the discussion of the "right to be forgotten" in the European Union's General Data Protection Regulation (GDPR), Article 17(1).

L 24437-66 ENT(m)/END(n)/T/END(t) JD/JH

ACC NR: AT6006481

SOURCE CODE: UR/2680/65/000/024/0172/0176

AUTHORS: Laynor, D. I.; Ostrovskaya, L. M.; Simakova, A. S.

• 67

B+1

ORG: State Scientific Research and Design Institute of Alloys and Nonferrous Metalworking, Moscow (Gosudarstvennyy nauchno-issledovatel'skiy i proyektornyy institut splavov i obrabotki tsvetnykh metallov)

TITLE: The effect of halide impurities on the electrical properties of  $\text{Bi}_2\text{Te}_3$ -  
 $\text{Bi}_2\text{Se}_3$  alloy

18

SOURCE: Moscow. Gosudarstvennyy nauchno-issledovatel'skiy i proyektornyy institut splavov i obrabotki tsvetnykh metallov. Trudy, no. 24, 1965. Metallovedeniye i obrabotka tsvetnykh metallov i splavov (Metal science and the treatment of non-ferrous metals and alloys), 172-176

TOPIC TAGS: electric conductivity, thermal emf, ternary alloy, bismuth alloy, halide, electron donor, calcium compound, cadmium compound, lithium compound, manganese compound, thallium compound

ABSTRACT: The effect of chloride salts of calcium, cadmium, magnesium, lithium, and manganese and thallium bromide in concentrations of 0.05-0.8% (by mass) on the properties of a ternary alloy of 80% (mole)  $\text{Bi}_2\text{Te}_3$  and 20% (mole)  $\text{Bi}_2\text{Se}_3$  is studied. Melts of 50 g were prepared in sealed quartz ampules at 700°C. All of

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ACC NR: AT6006481

the substances exerted a qualitatively similar effect (see Fig. 1);

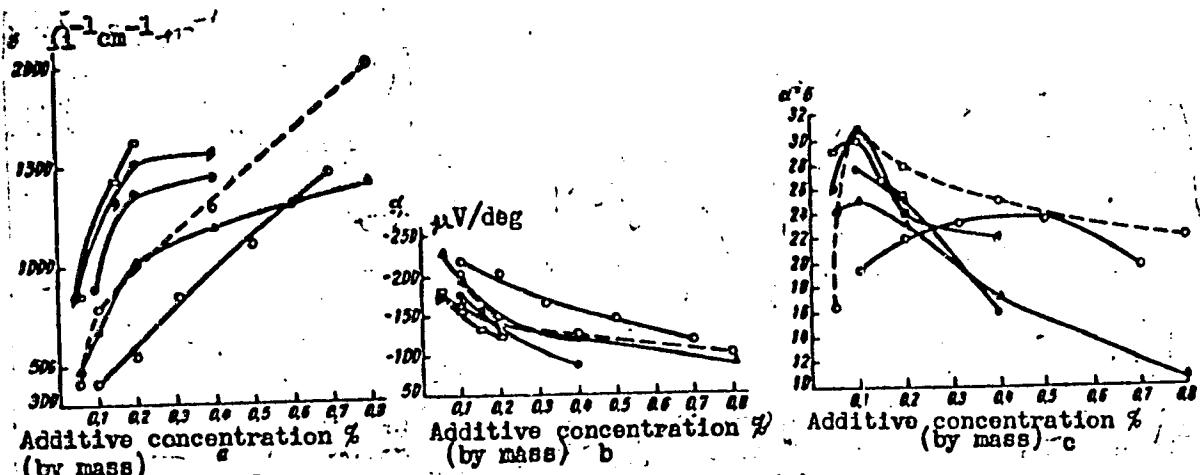


Fig. 1. Electrical conductivity (a) and thermo-emf (b) of alloy versus concentration of additive;  $\alpha^2 \sigma$  versus concentration of additive (c):  $\circ\text{--}\circ$  TlBr;  $--\circ\text{--}\circ$  CaCl<sub>2</sub>;  $-\Delta-\Delta$  CdCl<sub>2</sub>;  $-\#-\#$  MnCl<sub>2</sub>;  $-\square-\square$  MgCl<sub>2</sub>;  $-\bullet-\bullet$  LiCl.

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ACC NR: AT6006481

they all dissolved in the alloy and formed very effective donor additives. Only the alloys with an addition of  $\text{CaCl}_2$  were found to be stable; the properties of the others were greatly lowered during the first 20-30 days, regardless of storage conditions. Cadmium chloride is recommended as a protective alloy flux. Orig. art. has: 2 graphs and 1 table.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002

Cord 3/3000

OSTROVSKAYA, L.K., doktor biol. nauk, otd. red.; VLASYUK, F.A., akademik, rei.; MANGAIK, A.V., kand. biol. nauk, red.; KALININ, F.L., doktor biol. nauk, red.; OKHANENKO, A.S., doktor biol. nauk, red.; PROTSENKO, D.F., doktor biol. nauk, red.; SIROCHENKO, I.A., doktor biol. nauk, red.; KAPITANCHUK, V.A., red.; MAKAROVA, G.M., red.

[Complexons as a means against lime-induced chlorosis of plants] Kompleksnye sredstva protiv izvestkovogo khlorozu rastenij. Kiev Naukova dumka, 1965. 194 p. (MIRA 18:7)

1. Institut fiz.-zhit. rastenij AN Ukr.SSR (for Ostrovskaya). 2. AN Ukr.SSR (for Vlasyuk).

VLASYUK, P.A., akademik, otd. red., MANORYK, A.V. [Manoryk, A.V.].  
kand. biol. nauk red., KANENKO, A.S., doktor biol. nauk.  
red., DOSTOYNEVA, L.K. [strava kn. L.K.], doktor biol.  
nauk, red.; KALININ, F.I., doktor biol. nauk, red.,  
IROTSENKO, L.M., prof., red., KAPITANCHUK, V.A., nauchn.  
sestr., red., BIANINA, I.F., red., LAPCHENKO, K.P., tekhn.  
red.

[Physiological and biochemical principles underlying in-  
crease in the productivity of plants] Fiziologo-biokhimiches-  
kie osnovy povyshchenniya produktivnosti roslyn, pratsi. Kyiv,  
Ukrzhal. hospwydav tushk., 1971. 158 p. (MIRA 15-10)

1. Ukrains'ka respublikans'ka naukova konferentsiya mole-  
jykh zvenykh v haluzi fiziologii roslyn. 1st. 1962
2. Akademiya nauk UkrSSR i Vsesoyuznaya akademiya sel'sko-  
khozyaystvennykh nauk imeni V.I.Lenina (for Vlasuk).  
Plant physiology (Plants, Cultivated)

OSTROVSKAYA, L.K.

SR/Soil Science - Mineral Fertilizer.

J-3

Aus Jour : Ref Zhar - Biol., N° 2, 1958, 5791

Author : Ostrovskaya, L.K.

Inst : Academy of Sciences UkrSSR -- Institute of the Physiology  
of Plants and Agro-Chemistry

Title : Vopr. razvitiya s. kh. Poles'ya, Kiev, Akad Nauk UkrSSR,  
1956, (1957), 118-124.

Abstract : On alkaline peat which already has a significant copper  
content copper fertilizers are more effective than on a-  
cid peat. In an experiment with oats in 1953 on peat with  
Cu content of 4.35 mg./kg., adding 25 kg/hectare of copper  
sulfate gave, on an alkaline base, 79% increase in yield,  
and on a PK base, 50% increase in yield. In an analogical  
experiment, in the Chemerno bog, when the soil's copper  
content was 3.83 mg./kg., applying copper sulfate produced  
no effect. The extractability of Cu in peat declines in

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CIA-RDP86-00513R001238510012-8"

VLASYUK, P.A., akademik, otv. red.; SIROCHENKO, I.A., doktor sel'-khoz.nauk, red.; MANORIK, A.V., kand.biol.nauk, rec.; OSTROVSKAYA, L.K., doktor biol. nauk, red.; PERESYPKIN, V.F., doktor biol. nauk, red.; KHOMENKO, A.D., kand. bil. nauk, red.; KAPITANCHUK, V.A., red.; LISOVICHENKO, Ya.V., red.; KVITKA, S.F., tekhn. red.

[Using trace elements, polymers, and radioactive isotopes in agriculture; transactions] Primenenie mikroelementov, polimorov i radioaktivnykh izotopov v sel'skom khoziastve; trudy. Kiev, Izd-vo Ukr. akad. sel'khoz. nauk. No.1. 1961. 296 p. (MERA 15:8)

1. Koordinatsionnyye soveshchaniya problemye korisnosti Ukrainskoj akademii sel'skokhozyaystvennykh nauk, 1960.
2. Akademija nauk USSR i Vsesoyuznaya akademija sel'skokhozyaystvennykh nauk imeni V.I.Lenina i Ukrainskaya akademija sel'skokhozyaystvennykh nauk (for Vlasuk). 3. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rastenij (for Manorik).

(Agricultural chemistry)

OSTROVSKAYA, L.K.; YAKOVENKO, G.M.; GAMAYUNOVA, M.S.

Deficiency of several trace elements in soils rich in lime. Trudy  
Biogeokhim. lab. no.11:92-101 '60. (MIR 14:5)

1. Institut fiziologii rasteniy i agrokhimii AN USSR.  
(MINERALS IN SOIL) (LIME)  
(COMPLEX COMPOUNDS) (TRACE ELEMENTS)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510012-8

REVIEWED BY [redacted] DATE [redacted]

APPROVED FOR RELEASE: 06/15/2000 BY [redacted] DATE [redacted]

REVIEWED BY [redacted] DATE [redacted]

APPROVED FOR RELEASE: 06/15/2000 BY [redacted] DATE [redacted]

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CIA-RDP86-00513R001238510012-8"

S/081/61/000/017/027 \*\*\*  
B102/B138

AUTHORS: Ostrovskaya, L. K., Yakovenko, G. M., Gamayunova, M. S.

TITLE: Complex inadequacy of microelements in lime soils

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1961, '0' abstract  
17/92 (Tr. Biogeokhim. labor. In-t. leokhimi i anal. khim. AN SSSR, v. 11, 1960, #2 - '0')

TEXT: Excess quantities of lime in the soil not only reduce the availability of Fe but also of many other microelements (Co, Mn, Zn, Cu, B). This is due to the increased pH value of these soils, to the adsorptive action of CaCO<sub>3</sub> particles and, probably, also to the effect of CaCO<sub>3</sub> on the solubility and stability of chelate compounds of these elements. In this kind of soil there is a distinct shortage of Fe and Cu accessibility to plant life. This is, of course, due to the very high stability of the insoluble type of organocomplexes of these elements. [Abstract from the English translation.]

Card 1 of 1

OSTROVSKAYA, Lyudmila Konstantinovna; OKANENKO, A.S., prof., red.; SMEKHOV, S.K., red.; LAPCHENKO, K.P., tekhn. red.

[Physiological role of copper and fundamentals of the use of copper fertilizers] Fiziologicheskaiia rol' medi i osnovy primeneniia mednykh udobrenii. Kiev, Izd-vo Ukrainskoi akad. sel'skhoz. nauk, 1961. 283 p.

(MIRA 14:11)

1. Chlen-korrespondent Ukrainskoy akademii sel'skokhozyaystvennykh nauk (for Okanenko).

(Copper—Physiological effect) (Fertilizers and manures)

NERETIN, V.Ya., st. nauchn. sotr., red.; GRINAVTSEVA, V.P., red.;  
GOROKHOVA, N.A., red.; SHEREMET, S.I., red.; OSTROVSKAYA,  
L.M., red.

[Progress in the diagnosis and treatment of nervous diseases;  
transactions of the Institute] Uspekhi v diagnostike i leche-  
niu nervnykh zabolеваний; trudy instituta. Pod red. V.IA.  
Neretina.. Moskva, 1963. 358 p. (MIA 17:6)

1. Moscow. Oblastnoy nauchno-issledovatel'skiy institut.

LAYNER, E.I.; OSTROVSKAYA, L.M.; SIMAKOVA, A.S.

Effect of halide impurities on the electric properties of  
the Bi<sub>2</sub>Tet<sub>3</sub>-Bi<sub>2</sub>Se<sub>3</sub> alloy. Trudy Giprotektmetobrashka no.74.  
172-176 '65. (M. 12, 18 p.)

DONSKOY, S.M.; ZEMSKOV, N.Ya.; OSENOV, V.I.; FOTAPOV, A.N.;  
UDALIKHINA, A.S.; YAROSHUK, D.Ya.; VAYNER, M.S.; VERNYI,  
Ye.A.; CHURKIN, D.I.; GERASIMOV, K.A.; ZIBRIN, D.A.;  
AYKHENVAL'D, Ye.L.; KOZLOV, A.I.; BULANOV, A.G.;  
OSTROVSKAYA, L.N.; TAUJES, I.S.; PETROV, Z.I.; FOTEPAЛОV,  
V.A.; PECHONYY, A.D.; TROFINOVA, A.S., tekhr. red.

[Development of power engineering in the Tatar A.S.S.R.]  
Razvitiye energetiki Tatarskoi ASSR. Kazan', Tatarkoe knizhnoe  
izd-vo, 1961. 145 p. (MIA 15:2)

1. Tatar A.S.S.R. Sovet Narodnogo khozyaystva. Upravleniye  
energeticheskoy promyshlennosti.  
(Tatar A.S.S.R.—Power engineering)

YELIN, V. L.; OSTROVSKAYA, L.P.

Are antibacterial antibodies capable in themselves of destroying  
germs in the actively immunized body? Zhur.mikrobiol.enid. i immun.,  
supplement for 1956:5 '57  
(MIRA 11:3)

1. Iz Khar'kovskogo instituta vaktsin i sывороток имени Mechnikova i  
kafedry mikrobiologii Irkutskogo meditsinskogo instituta.  
(BACTERIOLYSIS) (ANTIGENS AND ANTIBODIES)

STRUCHKOV, Viktor Ivanovich; OSTROVSKAYA, L.S., red.; PISAREVSKIY,  
A.A., red.; MIKHNOVA, A.M., tekhn. red.

[General surgery] Obshchaya khirurgiya. Moskva, Medgiz,  
1962. 494 p. (MIRA 15:8)  
(Surgery)

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CIA-RDP86-00513R001238510012-8

OSTROVERKHOV, G.Ye., prof.; OSTROVSKAYA, L.S., kand.med. nauk

Prospects in publishing surgical literature. Khirurgicheskaya literatura: 139-143 Jl '63 (MIA 16812)

1. Glavnnyy redaktor Medgiz'a (f.r Ostroverkhov).

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CIA-RDP86-00513R001238510012-8"

YUDIN, S.S., prof.; GOLIKOVA, M.P.; ARAPOV, L.A...; DAVYLOVSKIY, I.V., red.;  
MEL'NIKOV, A.V., red. [deceased]; PRIOROV, N.N., red.; ROZANOV, B.S.,  
red.; TARASOV, M.M., red.; OSTROVSKAYA, L.S., red.; BELOCHIKOVA, Yu.S.,  
tekhn. red.

[Selected works; problems in military field surgery and the transfusion  
of cadaveric blood] Izbrannye proizvedeniia; voprosy voenni-polevoy  
khirurgii i perelivanie posmertnoi krovi. Moskva, Medgiz, 1960. 553 p.  
(MIRA 15:1)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Arafov).  
(Surgery, Military) (BLOOD--TRANSFUSION)

BURAKOVSKIY, Vladimir Ivanovich; OSTROVSKAYA, L.S., red.;  
SENCHILO, K.K., tekhn. red.

[ "Dry" heart under conditions of hypothermia in surgery  
for congenital heart defects] "Sukhoe" serdtse v uslo-  
viiakh gipotermii v khirurgii vrozhdennykh porokov ser-  
dtsa. Moskva, Medgiz, 1961. 214 p. (MIRA 17:3)

STRAKHOV, Sergey Nikodimovich; OSTROVSKAYA, L.S., red.; ZUYEVA, N.K.,  
tekhn. red.

[Appendicitis] Appenditsit. Moscow, Nedgiz, 1961. 27 p.  
(MIRA 15:3)

(APPENDICITIS)

YUDIN, Sergey Sergeyevich, prof. [deceased]; GOLIKOVA, M.I.; ARAPOV  
D.A., prof., red.; DAVYDOVSKIY, I.V., red.; FIL'NIKOV, A.V., red.  
[deceased]; FERICOV, N.N., red. [deceased]; MOZANOV, B.S., red.;  
TATASOV, M., red.; OSROVSKAYA, L.S., red.; BEL'CHIKOVA, Yu.S.,  
tekhn. red.

[Selected works; surgery of peptic ulcer of the stomach and neuro-  
humoral regulation of gastric secretions in man] Izbrannyye proizvede-  
niya; khirurgiya iazvennoi bolezni zheludka i neiro-humoral'naya regu-  
liatsiya zheludochnoi sekretcii u cheloveka. Moscow, Medgiz, 1962.  
(MIRA 16:3)  
364 p.

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Arapov).  
(PEPTIC ULCER) (SIG ACH--SECRETIONS) (NEUROCHEMISTRY)  
(INTESTINES—OBSTRUCTIONS)

OSTROVSKAYA, L.S.; STAVROVSKAYA, O.A.

Surgical interventions in contused injuries of the liver and spleen.  
Voen-med. zhur. no.1:29-33 Ja '56 (MLRA 10:5)  
(SPLKEN, wounds and injuries,  
surg. of closed inj.) (Rus)  
(LIVAR, wounds and injuries,  
same)

ANIROSOV, Pavel Iosifovich, prof.; OSTROVSKAYA, L.S., red.; ZAKHAROVA,  
A.I., tekhn.red.

[Mechanical suture in vascular surgery] Mekhanicheskii shov  
v khirurgii sosudov. Moskva, Gos.izd-vo med.lit-ry, Medgiz,  
1960. 129 p.  
(BLOOD VESSELS--SURGERY) (SUTURES)

PUCHKOV, Aleksandr Sergeyevich, doktor med.nauk, zasluzhennyj vrach RSFSR  
[deceased]; CHERNOVSKIY, I.P.; NECHAYEV, A.M., obshchiy red.;  
OSTROVSKAYA, L.S., red.; ZUYEVA, N.K., tekhn.red.

[Organization of first aid in Moscow] Organizatsiya skoroi  
meditsinskoi pomoshchi v Moskve. Izd.2. Perer. i dop. L.P.  
Chervonskogo. Otshchais red. A.M.Nechayeva. Moskva, Gos.isd-vo  
med.lit-ry, 1959. 139 p. (MIRA 12:5)  
(MOSCOW--AMBULANCE SERVICE)

ROGOZKINA, Mariya Vladimirovna; OSTROVSKAYA, L.S., red.; ROMANOVA, Z.A.,  
tekhn. red.

[X-ray diagnosis of concealed perforating ulcers of the stomach  
and duodenum; clinical X-ray analysis] Rentgenodiagnostika pri-  
krytykh probodnykh iazyv zheludka i dvyanadzatiperstnoi kishki;  
kliniko-rentgenologicheskii analiz. Moskva, Medgiz, 1962. 131 p.  
(ML4 15:6)

(DIAGNOSIS, RADIOGRAPHIC) (STOMACH—ULCERS)  
(DUODENUM—ULCERS)

BEREZOV, Yulyi Yefimovich, doktor med. nauk; OSTROVSKAYA, L.S., red.;  
SENCHILO, K.K., tekhn. red.

[Cancer of the cardial portion of the stomach; clinical aspects and  
surgical treatment] Rak kardil'nogo otdela zheludka; klinika i khi-  
rurgicheskoe lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz,  
1960. 203 p.

(MIRA L.:9)

(STOMACH—CANCER)

KOCHERGIN, I.G., prof., red.; OSTROVSKAYA, L.S., red.; BEL'CHIKOVA,  
Yu.S., tekhn. red.

[A physician's calendar for 1963] *Kalendar' vracha na 1963 god.*  
Moskva, Medgiz, 1963. 447 p. (MIRA 16:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for  
Kochergin). (MIRA 16:4)  
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

KOCHERGIN, I.G., prof., red.; OSTROVSKAYA, L.S., red.; ROMANOVA, Z.A.,  
tekhn. red.

[Physician's calendar for the year 1962] Kalendar' vracha na  
1962 god. Pod obahchei red. I.G.Kochergina. Moskva, Medgiz,  
1962. 439 p. (MIRA 15:5)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for  
Kocherin).  
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

SHISHKIN, Vasiliy Petrovich; MAZAYEV, Pavel Nikolayevich; OSTROVSKAYA,  
L.S., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Splenoportography] Splenoportografiia. Moskva, Medgiz, 1962.  
186 p.  
(SPLEEN--RADIOGRAPHY) (PORTAL VEIN--RADIOGRAPHY)

VESHIN, Slavoy [Вешин, Славой], prof., doktor med.; BYSTROLETOV, D.A.  
[translator]; OSTROVSKAYA, L.S., red.; GABERLAND, M.I.,  
tekhn.red.

[Radiographic diagnosis of hemoblastomas] Rentgenodiagnostika  
hemoblastom. Moskva, Gos.izd-vo med.lit-ry Medgiz, 1960. 85 p.  
Translated from the Czech. (MIRA 14:1)

(BLOOD--DISEASES) (RADIOLOGY, MEDICAL)

ROZANOV, Boris Sergeyevich; OSTROVSKAYA, L.S., red.; BEL'CHIKOVA, Yu.S.,  
tekhn.red.

[Gastric hemorrhages and their surgical treatment] Zheludochnye  
krovotocheniia i ikh khirurgicheskoe lechenie. Moskva, Gos.izd-vo  
med.lit-ry, 1960. 195 p.  
(HEMORRHAGE) (STOMACH--SURGERY)

KOCHERGIN, I.G., prof., red.; GSTROVSKAYA, L.S., red.; ROMANOVA, Z.A.,  
tekhn. red.

[Physician's calendar] Kalendar' vracha. Pod obshchei red. I.G.Ko-  
chergina. Moskva, Gos.izd-vo med. lit-ry Medgiz, 1961. 430 p.  
(MIRA 14:6)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Ko-  
chergin)

(MEDICINE—HANDBOOKS, MANUALS ETC.)

GOSTROVSKAYA, L. S. and STAVROVSKAYA, G. A.

Operative Intervention in Concealed Injuries to Liver  
and Spleen.

VOYENNO-MEDITSINSKY ZHURNAL  
No. 1, January, 1956 pp. 29

STRUCHKOV, Viktor Ivanovich, professor; OSTROVSKAYA, L.S., redakter;  
YEVDOKIMOVA, Z.N., tekhnicheskiy redakter.

[Studies in general and emergency surgery] Ocherki po obshchei  
i neotleshnoi khirurgii. Minsk, Gos.izd-vo med.lit-ry, 1956. 280 p.  
(SURGERY) (MIRA 9:6)

OSTROTSKAYA, L. S.

Esophagus - Foreign Bodies

Medical aid in cases of foreign bodies in the esophagus and respiratory tract of children. Med.sestra No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

OSTROVSKAYA, L.S.

Respiratory Organs - Foreign Bodies

Medical aid in cases of foreign bodies in the esophagus and respiratory tract of children. Med. sestra, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

VASIL'YEV, S.F.; MOSIN, A.M.; LAPIDES, N.A.; Prinimali uchastiye: MISHENKO,  
M.L.; OSTROVSKAYA, L.V.; POMICHEV, V.F.; GUBBOTINA, G.V.; SHVEDOVA,  
L.M.

Oxidative pyrolysis of lower hydrocarbons. Khim.prom. no.4:238-243  
Ap '61. (MIRA 14:4)

1. Institut goryuchikh iskopayemykh AN SSSR.  
(Hydrocarbons) (Oxidation)

Ostrovskaya, L.V.

V Passage of copper into plants in different peat soils.  
L. K. Ostrovskaya. Doklady Akad. Nauk S.S.R. 102,  
391-3 (1955).—Passage of Cu into oat plants depends on the  
conc. of Cu in the peat soil and on its availability; high Ca  
soils contg. much Fe and basic pH show a very low release  
of Cu to the plants. Weakly acid, low Ca and Fe soils  
show a good release. Liming reduces the Cu intake by the  
plants. G. M. Kosolapoff

62

BERLIS, I.I.; POMELOTSOV, K.V.; PAYNSHTEYN, R.B.; OSTROVSKAYA, M.D.;  
DAVYDOVA, A.A.

Dynamics of minor forms of pulmonary tuberculosis; data of an  
over-all survey in the city Pavlovskiy Posad. Probl. tub. no.3:  
31-38 My-Je '54. (MLRA 7:11)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo tuberkulez-nego instituta (dir. prof. F.V.Shebanov) i Pavlovskogo-Posadskogo tuberkuleznogo dispansera (zav. M.A.Polkanov)  
(TUBERCULOSIS, PULMONARY, statistics,  
analysis of continuous survey)

**DEGTYAREVA, O.P., OSTROVSKAYA, N.P.**

Spectral analysis of gold purity. Zav.lab. 26 no.5:564-566 '60.  
(Gold--Spectra) (Metals--Spectra)

DEGTYAREVA, C.F.; FEDYAYEVA, N.V.; OSTROVSKAYA, M.F.; ASTAKHINA, L.G.;  
prinimali uchastiye: KRYUKAVA, P.A., PROSKURYAKAVA, A.Ye.

Determination of impurities in copper oxide by ~~the~~ spectral  
method. Zav.lab. 27 №,7:844-845 '61 . (MIRA 14:7)  
(Copper oxide--Spectra)

DEGTYAREVA, C.F.; FEDYAYEVA, N.V.; OSTRCVSKAYA, M.F.; priminali uchastiye:  
PROSKURYAKOVA, A.Ye.; ERYUMKOVA, P.A.; ASTAKHINA, L.G.

Spectral analysis of iron oxide by the vaporization method.  
Zav.lab. 27 no.7:842-844 '61. (MIRA 14:7)  
(Iron oxide--Spectra)

S/075/63/018/002/007/009  
E195/E436

AUTHORS: Degtyareva, O.F., Ostrovskaya, M.F.

TITLE: Spectrographic analysis of high-purity tungsten trioxide by an evaporation method

PERIODICAL: Zhurnal analiticheskoy khimii, v.18, no.2, 1963,  
245-249

TEXT: A method has been developed for the quantitative spectrographic determination of B, P, Zn, Cd, Sb, As, Al, Co, Si, Mn, Pb, Cr, Bi, Fe, Ti, Be, Sn, Cu, Ag, Ni, Ca, In, Sr, Ba, Na, Li, K in WO<sub>3</sub>. The evaporation method previously used for the analysis of easily volatile metals could not be used for difficultly volatile metals because of their instability during evaporation. On investigating the evaporation process of the mixtures with WO<sub>3</sub>, it was found that K, Na, Li, Sb, Sn, Bi, Ag, In, Cd, Zn and others volatized mainly at 1700°C. The vaporization maximum of Be, Ba, Ca, Al, Sr, Cr, Ni, Fe, Mn, Si and others was in the range 2100 to 2300°C, after which the vaporization intensity decreased until 2600°C, when it started increasing again. 2300°C was chosen for the optimum determination of all the 28 elements. Stability of evaporation of all the elements was

Card 1/2

Spectrographic analysis ...

S/075/63/018/002/007/009  
E195/E436

achieved by uniform heating of the sample; the carbon vessels were fastened between the graphite brushes of the evaporator placed at an angle of 10 to 12°. The receivers containing the condensate were burned in the AC arc and the spectrum registered simultaneously on two spectrographs, ИСП-22 (ISP-22) - 0.15 mm aperture, and ИСП-51 (ISP-51) - 0.02 mm aperture. The sensitivity of the method was  $3 \times 10^{-3}$  to  $5 \times 10^{-7}\%$ . The mean square relative error of determination was 6 to 15%. There are 4 figures and 2 tables.

SUBMITTED: April 7, 1962

Card 2/2

L 63722-65 ENT(m)/ENT(t)/ENT(b) IJP(c) JD  
ACCESSION NR: AP5018757 UIR/0076/65/020/007/0814/0821  
543.42

AUTHOR: Degtyareva, O. F.; Ostrovskaya, M. F.

TITLE: Spectrographic analysis of high-purity lead

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 7, 1965, 814-821

TOPIC TAGS: lead, spectrographic analysis, spectrochemical analysis, lead oxide, lead compound

ABSTRACT: A spectrochemical method was developed for simultaneously determining 34 elements (Zn, Cd, Sb, Be, As, Co, B, Si, P, Mn, Pt, Au, Fe, Mg, U, Ga, Ni, Bi, Al, Mo, Sn, Ca, Pd, In, Cu, Ag, La, Sr, Cr, Ba, Tl, Na, K, Pb) in metallic lead, its oxides and other lead compounds. The sensitivity is  $5 \times 10^{-7} - 1 \times 10^{-3}\%$ . An 80 to 100-fold concentration of the impurities after dissolving the sample in nitric acid is achieved by precipitating most of the lead in the form of  $PbCl_2$  by excess hydrochloric acid. The spectrographic analysis (using ISP-22 and ISP-51 spectrographs) was carried out on a solution of impurities separated from the lead precipitate. The minimum amount of the sample weighs 0.05-0.1 g. For the analysis, the solution is deposited on the tips of carbon electrodes coated with a polystyrene film, dried, and the spectra are excited in an

Card 1/2

L 63792-65

ACCESSION NR: AP5018757

alternating-current arc. The effect of composition of the samples on the line intensities of the impurities was studied. Vaporization curves of the impurities were obtained, and optimum conditions for the spectrographic analysis were determined. With certain modifications, the method may be applied to the determination of trace impurities in Na, Ba, Tl, and some other metals whose chlorides are poorly soluble in excess HCl. Orig. art. has: 6 figures and 2 tables.

ASSOCIATION: None

SUBMITTED: 03Mar64

ENCL: 00

SUB CODE: IC, GC

NO REF SOV: 014

OTHER: 010

*llc*  
Card 2/2

SERFOKIN, Nina Vasil'yevna; AVERBAKH Fanni Abramovna; QSTROVSKAYA,  
Nar'ya Naumovna; TRET'YAKOV A.F., red.; TIKHOMIROV, A.Ye.,  
red.

[Methodological fundamentals of medical expertise on the  
capacity for work in diseases of the visual organ; manual  
for ophthalmologists of therapeutic institutions and  
Medical Expert Commissions on Working Ability, and teachers  
of medical institutes] Metodicheskie osnovy vrachebno-  
trudovoi ekspertizy pri zabolеваниих organa zreniya; po-  
sobie dlja oftal'mologov lechebnykh uchrezhdenii i VTEK,  
predvodavatelei meditsinskikh institutov. Pod red. A.F.  
Tret'iakova. Moskva, Medgiz, 1963. 129 p. (MIRA 17:6)

OSTROVSKAYA, M.N., kand. med. nauk

Current problems in medical expertise on the ability to  
work in eye diseases. Vest. oft. 76 no.3:67-70 My-Je '63.  
(MIRA 17:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekspertizy  
trudosposobnosti (dir. - prof. D.I. Gritskevich).

Card 1/2

- 31 -

USSR/Pharmacology - Toxicology - Chelating Agents.

v

Abs Jour : Ref Zhur Biol., No 4, 1959, 18632

of injection developed in control animals, while in animals receiving I subcutaneously, only insignificant local reaction was noted. Pathological changes in the internal organs and glands of experimental animals were not discovered. -- V.N. Samoylova

Card 2/2

L 23221-56 ENT(m)/EMP(j) LIP(c) R1  
ACC NR: AP6013594

SOURCE CODE: UR/0138/65/000/004/0005/0008

AUTHOR: Prikhonskaya, N. V.; Ostrovskaya, N. M.

24  
B

ORG: Scientific Research Institute of the Rubber Industry (Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti); TSZL, "Caoutchouc" Plant (TSZL Zavoda "Kauchuk")

TITLE: Rational mixing conditions in the preparation of rubber mixtures based on butadiene-styrene rubber in the production of RTI

15.4.94

SOURCE: Kauchuk i rezina, no. 4, 1965, 5-8

TOPIC TAGS: synthetic rubber, butadiene styrene rubber, sulfur, resin, conveyer transportation system/SKS-30-ARKM butadiene styrene rubber

ABSTRACT: Various mixing conditions were studied for their effect on the properties of mixes and vulcanisates of butadiene-styrene rubber SKS-30ARKM, used for lining conveyor belts. Gaseous channel and furnace carbon black were included in the rubber mixture composition, and as accelerators — Altax (a dibenzothiazole disulfide) and diphenylguanidine. The mixtures were prepared at the Dnepropetrovsk Tire Plant under automatic cycling conditions in a high-speed, high-pressure resin mixer at a rotor revolution rate of 30/26.5 rpm under three sets of conditions. The volume load was 140 liters (165 kg). Carbon blacks and softening agents were added to the mixture simultaneously. Condition I involves the two-stage production of mixtures with cycles lasting three and two minutes, with separate introduction of sulfur and accelerators into the mother mixture at the second stage in the

UDC: 678.023.334.004.13

2

L 23221-66

ACC NR. AP6013594

same mixer. Sheeting of the mixtures following the first and second stages is carried out on two consecutive rollers 2130 mm long in 3 and 2.5 minutes, respectively. At the second stage, the mixtures are loaded into the mixture in the form of sheets after cooling on racks. Condition II is a single-stage process of preparing mixes, six minutes in length with accelerators loaded into the mixer at the start of the cycle together with all components. Sheeting of the mixtures following the mixer is carried out on three successively aligned rollers 2130 mm in length for six minutes after introduction of sulfur on the second rollers. Condition III is a variation of the single-stage preparation of mixtures at lower temperatures than in condition II (due to a reduction of mixing time to 4.5 minutes), and with sulfur loaded at the end of the cycle, 0.5 minutes before unloading. Sheeting of the mixtures is carried out also on three successive rollers, for 6 minutes. This set of conditions is being used at RTI plants. From the results of the study, it can be concluded that the poorest mixing conditions is that of condition III (sulfur is introduced into the rubber-mixer), in spite of the fact that the duration of intensive mixing from the moment that the upper lock opens in this case is almost the same as in condition I. In the case of condition III, uniform mixing of carbon black in the mixers is not provided for, and a low resistance of the subvulcanization of mixes is observed along with the lowest physico-mechanical indices of the vulcanizates. <sup>0</sup> Orig. art. has: 1 figure and 3 tables. [JPRS]

SUB CODE: 11, 07 / SUBM DATE: none / ORIG REF: 004

Card 2/2 N/w

OSTROVSKAYA, M. N. Cand Med Sci -- (diss) "Hydrosoluble citral oichol, and its application in ophthalmology (analgesic and desensitizing effect)." Mos, 1956.  
11 pp 20 cm. (Min of Health USSR. Central Inst for the Advanced Training of Physicians), 100 copies (KL, 13-57, 101)

OSTROVSKAYA, M.N.

Antiallergic action of cichol (a combination of citral with sodium cholate). Biul.eksp.biol. i med. 42 no.8:57-59 Ag '56. (MLR 9:11)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezней imeni Gel'mg'l'tsa (dir. - kandidat meditsinskikh nauk A.V. Roslavitsev) i glaznogo otdeleniya polikliniki No.7 (zav. - zasluzhennyy vrach RSFSR V.S.Gornets), Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR A.Ye.Braunshteynom.

(~~ADENYDES~~, effects,

citral on Mantoux reaction, with sodium cholate (Rus))

(~~BILE ACIDS AND SALTS~~, effects,

sodium cholate on Matoux reaction, with citral (Rus))

(~~TUBERCULIN REACTION~~,

Mantoux reaction, eff. of citral with sodium cholate (Rus))

BERNSHTEYN, L.A.; KIRILLOV, Yu.D.; POL'SKIY, L.L.; SATARIN, V.I.; Prinimali  
uchastiyu: GRANITSA, A.G.; KANOVICH, Ye.G.; GRODZINSKIY, Ya.Yu.  
KHUDYAK, M.L.; DOBROLOVSKIY, G.G.; ZAELOTSKIY, Ye.Z.; RYZHKIN, D.I.;  
OSTROVSKAYA, N.D.

Development and adoption of a system of hydraulic conveying of  
raw slurry at the Novo-Zdolbunov Cement Plant. Trudy IZhgipro-  
tsementa no.4-79-107 '63. (MIRA 17:11)

1. Gosudarstvennyy institut po proektirovaniyu tsementnykh  
zavodov v yuzhnykh rayonakh SSR (for Granitsa, Kanovich,  
Grodzinsky, Khudyak). 2. Novo-Zdolbunovskiy tsementnyy zavod  
(for Dobrolovskiy, Zabolotskiy, Ryzhkin, Ostrovskaya).

Ostrovskaya, N.N.

CH

19

Experiments in the preparation of hollow glass blocks and their properties. M. A. Bezhborodov, N. N. Ostrovskaya and I. G. Klochkov. Selskogo Prost. 16, No. 3/4, 20-3 (1940); Chem. Zentral. 1940, II, 1190. --A review of manufacturing hollow glass bricks and their uses is given. Results on making such products at the glass factory "Druzhnaya Gorka" are reported. A mixt. of sand 40% and Na silicate 10% is used to cement the bricks. All of the sand goes through a sieve of 4000 meshes per sq. cm. and 50% through a sieve of 10,000 meshes per sq. cm.  
M. Hirsch

OSTROVSKAYA, N. N. Cand. Med. Sci.

Dissertation: "The Nitrogenous Nourishment and Biology of Shiga's Bacillus Under the Conditions Present in Synthetic Medium." First Moscow Order of Lenin Medical Inst. 27 Feb 47.

SO: Vechernaya Moskva, Feb, 1947 (Project #17830)

OSTROVSKAYA, N. N.

JUN '63

USSR/Medicine - Dysentery

"Nitrogenous Nutrition and Biology of Grigor'ev-Mikrobailevskii in Synthetic Media,"

N. N. Ostrovskaya, Bair Mikrobiol, First Moscow Med Inst

Zhur Mikro, Epidemiol Immun, No 6, p 88

When optimal conditions in regard to a supply of carbon and salts exist, Grigor'ev-Mikrobailevskii can grow on synthetic media contg ammonium salts as the sole supply of nitrogen. The best syn media contain ammonium tartrate and asparagine, or ammonium tartrate alone, glycerine, and calcium lactate. Long cultivation on such media changes the morphology, lowers the agglutinability and virulence, and increases resistance to phage.

6774

OSTROVSKAYA, N.N.

Comparative evaluation of serodiagnosis of brucellosis using slide and test tube agglutination techniques; Huddeson's and Wright's methods. Zhur.mikrobiol.epid.i immun. no.5:99-105 My '55.(MLRA 8:7)

1. Iz brutselleznoy laboratorii (zav. -prof. P.A.Vershilova) Instituta epidemiologii i mikrobiologii imeni N.P.Gamalei AMN SSSR (dir. prof. V.D.Timakov).

(BRUCELLOSIS, diagnosis,  
serol., slide & test tube techniques of agglut., comparison)

OSTROVSKAYA, N. N.

"A Comparative Appraisal of Serological Diagnosis of Brucellosis by the Plate and Test Tube Methods of Agglutination." [Huddleson and Bright] Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Brucellosis Laboratory, Vershilova, P. A., head, Inst. Epidem and Microbiol im. Gamaleya AMN USSR.

SO: Sum 1186, 11 Jan 57.

Ostrovskaia N.N.

USR / Microbiology. Antibiosis and Symbiosis.  
Antibiotics.

F-2

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76678.

Author : Nakhimovskaya, M. I.; Ostrovskaia, N. N.; Bukrin-skaya, A. G.

Inst : Not given.

Title : Effect of Penicillin on Several Actinomyces.

Orig Pub: Mikrobiologiya, 1957, 26, No 1, 87-91.

Abstract: The depressing effect of penicillin (I) on 6 strains of actinomyces innoculated in BPM appeared only during high concentrations - not less than 50 units per 1 ml - and was expressed either by a delay in the onset of growth or by an absence of growth. One actinomyces is sensitive to 50-60 units of I per 1 ml, while 500-600 units of I per 1 ml depressed all actinomyces, with the exclusion

Card 1/2

13

DUBROVSKAYA, I. I.; OSTROVSKAYA, N. N.; GLUBOKINA, A. I.

Effect of phage on the chemical composition of Brucella [with summary in English]. Biokhimiia 23 no.4:523-536 J1-Ag '58. (MIRA 12:3)

1. Department of Chemistry and Brucellosis Laboratory, Institute of Epidemiology and Microbiology, Academy of Medical Sciences of the U.S.S.R., Moscow.

(BRUCELLA ABORTUS, metabolism,  
eff. of bacteriophage (Rus))  
(BACTEROPHAGE,  
eff. on Brucella abortus metab. (Rus))

NAKHIMOVSKAYA, M.I., OSTROVSKAYA, N.N., YARMOLENKO, L.I., IVANITSKAYA, L.P.

Simple method of increasing the antibiotic activity of actinomycetes  
in surface cultivation [with summary in English]. Mikrobiologiya  
27 no.3:387-389 My-Je '58 (MIRA 11:9)

1. Kafedra mikrobiologii I Moskovskogo ordena Lenina meditsinskogo  
instituta im. I.M. Sechenova.

(ACTINOMYCES,

antibiotic prod., increase of productivity in surface  
cultivation (Rus))

(ANTIBIOTICS,

prod. by Actinomyces, increase of productivity  
in surface cultivation (Rus))

OSTROVSKAYA, N.N.; GOL'DFARB, D.M.

Use of "phage titer increase" in detecting Brucella in the  
environment. Zhur.mikrobiol.epid. i immun. 30 no.5:145  
May '59. (MIRA 12:9)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei  
ANU SSSR.  
(BRUCELLA)

DUBROVSKAYA, I.I.; OSTROVSKAYA, N.N.

Changes occurring during storage in the chemical composition of a  
Brucella variant obtained as a result of the action of phage.  
Biokhimiia 25 no. 3:511-516 My-Je '60. (MIRA 14:4)

1. Department of Biochemistry and Brucellosis Laboratory, Institute  
of Epidemiology and Microbiology, Academy of Medical Sciences of  
the U.S.S.R., Moscow.  
(BRUCELLA) (BACTERIOPHAGE)

VERSHILOVA, P.A.; OSTROVSKAYA, N.N.

Classification of the species Brucella. Zhur.mikrobiol.epid.i imun..  
31 no.9:101-105 3 '60. (MIA 13:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN  
SSSR.

(BRUCELLA)

OSTROVSKAYA, N.N.; SOLOV'YEV, N.N.

Electron microscopy of brucellar phagolysis. Zhur.mikrobiol.epid.i  
immmun. 31 no.11:4-10 N. '60. (MIRA 14:6)

1. Iz instituta epidemiologii i mikrobiologii imeni Gamalei AMN  
SSSR.

(BRUCELLA) (BACTERIOPHAGE)

ISPOLATOVSKAYA, M.V.; BAKAYEVA, O.A.; OSTROVSKAYA, N.N.

Electrophoretic and immunochemical study of the protein components of the blood serum in guinea pigs in the development of Brucella infection. Biul. eksp. biol. i med. 49 no.3:46-50 Mr '60.  
(MIRA 14:5)

1. Iz otdela biokhimii i brutsellezny laboratorii Instituta epidemiologii i mikrobiologii imeni N.F. Gamalei (dir. - prof. S.N. Mironov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR L.A. Zil'berom.  
(BRUCELLOSIS) (BLOOD PROTEINS)

OSTROVSKAYA, N. N., AND SOLOV'YEV, N. N.

"Electron Microscopy of Brucella Phagolysis,"

report submitted for the 7th Intl. Cong. of Biological Standardization,  
round table discussion on Brucella Phages, 28 London, England, 17 Aug - 1 Sep 1961.

OSTROVSKAYA, N. N.

"Characteristics of Brucellosis TB Bacteriophage."

report submitted for the 7th Intl. Cong. of Biological Standardization,  
round table discussion on Brucellosis, London, England, 29 Aug - 1 Sep 1971.

OSTROVSKAYA, N. N.

Bacteriophagia in Brucella organisms and variability of Brucellae attached by virulent bacteriophage. J. hyg. epidem., Praha 5 no.3: 275-281 '61.

l. Brucellosis Laboratory, N. F. Gamalaya Institute of Epidemiology and Microbiology, Academy of Medical Sciences of USSR, Moscow.

(BRUCELLA) (BACTERIOPHAGE)

DUBROVSKAYA, I.I.; OSTROVSKAYA, N.N.

Phage-induced changes in the antigen complexes of Brucella.  
Biochimia 26 no.2:290-295 Mr-Ap '61. (MIRA 1.:5)

1. Department of Biochemistry and Brucellosis Laboratory, Institute  
of Epidemiology and Microbiology, Academy of Medical Sciences of  
the U.S.S.R., Moscow.

(BRUCELLA) (BACTERIOPHAGE)  
(ANTIGENS AND ANTIBODIES)

OSTROVSKAYA, N.N.

Characteristics of brucellar TB bacteriophage. Zhur. mikrobiol.  
epid. i immun. 32 no.6:70-78 Je '61. (MIRA 15:5)

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(BRUCELLA) (BACTERIOPHAGE)

OSTROVSKAYA, N.N.; SELOVIN, N.N.

Electron microscopy of phage lysis of Brucellae. J. hyg., piata.  
6 no.1:24-29 '62.

I. N.F. Gamaleya, Institute of Epidemiology and Microbiology, Academy  
of Medical Sciences of USSR, Moscow.  
(БАНЦИА) (БАСТЕРИОГРАФИЯ) (МЕДИСКОН ЭЛЕКТ МИ)

GREKOVA, N.A.; OTHOCOKAYA, N.N.

Pathomorphological characteristics of the organs of guinea pigs infected with agglutinable and non-agglutinable *Bacillus pilosphaerae* cultures. Zhur. mikrobiol., epid. i immun. 41 no. 11-12, 1969, p. 10-14.

(MP / 18)

I. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR

L 63263-65 EWT(1)/EWA(j)/EHA(b)-2 JK

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AUTHOR: Ostrovskaya, N. N.

TITLE: Experimental study of the vaccinal properties of a variant of *Br. abortus* obtained by the action of *brucella* bacteriophage Tb

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 7, 1965, 36-41

TOPIC TAGS: brucella, bacteriophage, immunity, microbiology, vaccine

ABSTRACT: A culture of *Br. abortus* 64-C, obtained by exposing bacteriophage Tb to the virulent *Br. abortus* culture 146, proved to be a stable R variant with weakened virulence and pathogenicity. It resembled the vaccinal strain of *Br. abortus* 19-BA in virulence. A dose of  $10^9$  microbial cells of *Br. abortus* 84-C grew rapidly in guinea pigs and produced benign morphological changes constituting an indistinct vaccinal process that persisted 2 months. A dose of  $2 \cdot 10^9$  microbial cells of the same culture resulted in 100% resistance to 2 and 5 infectious doses of a virulent culture of *Br. melitensis*, this immunity lasted throughout the observation period of

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6 months. The culture of *Br. abortus* 84-C sensitized the guinea pigs only slightly. Owing to the peculiar antigenic structure of the culture, the titers of the reaction with Wright's antigen in vaccinated guinea pigs were much lower than with the homologous culture. This fact makes it possible to differentiate serologically vaccinated animals and human beings from those infected with brucellosis. Orig. art. has: 1 figure, 1 table.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. Gamalei AMN SSSR (Institute of Epidemiology and Microbiology, AMN SSSR)

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L 31190-66 EWT(1)/T JK  
ACC NR: AP6022595

SOURCE CODE: UR/0016/66/000/003/0075/0078

AUTHOR: Ostrovskaya, N. N.; Kaytmazova, Ye. I.

ORG: Institute of Epidemiology and Microbiology im. Gamaleya AMN SSSR, Moscow  
(Institut epidemiologii i mikrobiologii AMN SSSR)TITLE: Bacteriophage Tb as another test for differentiating Brucella species

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 3, 1966, 75-78

TOPIC TAGS: Brucella, bacteriophage, bacteriology, animal, man, biologic conference

ABSTRACT: In accordance with the recommendation of the International Committee on Bacteriological Nomenclature of the World Health Organization to use bacteriophage Tb (Tifilis), race 3, as a standard in differentiating Brucella species, the authors tested it on Brucella isolated from different species of animals and human beings in various parts of the Soviet Union. Employing the two recommended concentrations of the bacteriophage - undiluted, containing no fewer than  $1 \cdot 10^9$  particles in 1 ml, and the usual experimental  $1 \cdot 10^6$  in 1 ml - the authors found that 96.6% of Br. abortus cultures obtained from cows, sheep, swine, and human beings (310 out of 321 cultures) were lysed by the bacteriophage. Most of the Br. melitensis cultures (293 out of 298) were resistant to it. Br. suis cultures isolated from swine and hares were resistant, but those obtained from cows and human beings exhibited varying degrees of sensitivity to the undiluted bacteriophage. Thus, Tb bacteriophage is of value as an additional means of differentiating Brucella species. Orig. art. has: 3 tables. [JPRS]

SUB CODE: 06 / SUEM DATE: 11May65 / ORIG REF: 003 OTH REF: 012  
Cord 1/1 09/5 0614

UDC: 576.851.42.677.5

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Detection of Brucella antigen in the serum of experimental animals in the early period of the development of an infection. Zhur. mikrobiol., epid. i immun. 40 no.2:13-19 F '63. (MIRA 17:2)

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OSTROVSKAYA, N.N.

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Report presented at the meeting of the World Health Organization,  
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Gamaleya Institute of Epidemiology and Microbiology, AMS USSR.

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REMENTSOVA, M.M.; KAYTMAZOVA, Ye.I.; OSTROVSKAYA, N.N.; BAKAYEVA, O.A.

Characteristics of a Brucella culture isolated from hares. Trudy  
Inst.kraev.pat.AN Kazakh SSR 12:18-32 '62. (MIRA 15:11)

1. Institut krayevoy patologii AN KazSSR i Institut imeni N.F.  
Gamaleya AMN SSSR.

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Effect of penicillin on certain actinomycetes [with summary in English]. Mikrobiologiya 26 no.1:87-91 Ja-P '57. (MLRA 10:6)

1. I Moskovskiy meditainskiy institut (I Moskovskiy oriona Lenina meditsinskij institut).

(ACTINOMYCES, effect of drugs on,  
penicillin (Rus))

(PENICILLIN, effects,  
on Actinomycetes (Rus))

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GURIN, Fedor Vasil'yevich, kand. tekhn. nauk; ASTROVSKAYA, N.V.,  
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[Feed mechanisms for universal milling, screw- and gear-cutting machines] Zagruzochnye ustroistva k universal'nym frezernym, rez'bo- i zuboobrabatyvalushchim stankam. Moskva, [GOSINTI] 1964. 38 p. (Mekhanizatsiya i avtomatizatsiya tekhnologicheskikh protsessov; materialy zavodskogo opyta, n. 3) (MIA 17:1)

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ALC, Ministry Foreign Affairs, A.P. Tretiakov; tel. 703A-A,  
Moscow, USSR.

Agreement to aid and assist in developing basic materials,  
information, equipment, and automation techniques  
for the construction of a nuclear power plant in the USSR.  
Signed by: V. G. Kozhukhov, Director of the Institute of Nuclear  
Power Engineering, Moscow, USSR, and Dr. J. R. Egan,  
Chairman of the Board of Directors, American Electric  
Power Service Corporation, Columbus, Ohio, USA.

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